

WHAT IS CLAIMED IS:

1. A non-reciprocal circuit element comprising:
  - a plate-shaped magnetic member;
  - 5 a common electrode arranged on one side of the plate-shaped magnetic member;
  - first, second, and third center conductors which extend in three directions from the outer peripheral portion of the common electrode in such a manner as to surround said plate-shaped magnetic member, which are bent on the other side of
  - 10 the plate-shaped magnetic member, and which intersect one another at predetermined angles on the other side; and
  - a bias magnet arranged in such a manner as to oppose said plate-shaped magnetic member,
  - 15 wherein the conductor width of at least portions of said first and second center conductors is less than 150  $\mu\text{m}$ .
2. A non-reciprocal circuit element according to Claim 1, wherein the conductor width of at least portions of said
- 20 first and second center conductors is equal to or greater than 90  $\mu\text{m}$  to equal to or smaller than 130  $\mu\text{m}$ .
3. A non-reciprocal circuit element according to Claim 1, wherein the length of the overlapping portions of the two
- 25 center conductors at the intersection portion of said first and second center conductors is equal to or greater than 10% of the length of each center conductor at the other side of said plate-shaped magnetic member.

4. A non-reciprocal circuit element according to Claim  
1, wherein the length of the overlapping portions of the two  
center conductors at the intersection portion of said first  
5 and second center conductors is equal to or greater than 20%  
of the length of each center conductor at the other side of  
said plate-shaped magnetic member.

5. A non-reciprocal circuit element according to Claim  
10 1, wherein the intersection angle at the intersection portion  
of said first and second center conductors is equal to or  
less than 30 degrees.

6. A non-reciprocal circuit element according to Claim  
15 1, wherein the intersection angle at the intersection portion  
of said first and second center conductors is equal to or  
less than 15 degrees.

7. A non-reciprocal circuit element according to Claim  
20 1, wherein said first and second center conductors at said  
overlapping portions are arranged nearly in parallel with  
each other.

8. A non-reciprocal circuit element according to Claim  
25 1, wherein a slit section along the length direction of each  
center conductor is provided in the central portion of each  
of said first and second center conductors in the width  
direction, and two divided conductors are provided in each of

said center conductors by the slit section.

9. A non-reciprocal circuit element according to Claim  
1, wherein a matching capacitor is connected to each of said  
5 first and second center conductors, and a matching capacitor  
and a termination resistor are connected to said third center  
conductor.

10. A communication device comprising:  
10 a non-reciprocal circuit element according to one of  
Claims 1 to 9;  
a transmitting circuit section connected to one of said  
first and said second center conductors of the non-reciprocal  
circuit element; and  
15 an antenna connected to the other one of said first and  
second center conductors.